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## Recombinant Mouse IL-4 Protein

**Catalog Number:** 230-01257

**Data Sheet / Certificate of Analysis (CoA)**

Last Revised: 11/12/2024

### Source

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<b>Species</b>	Mouse
<b>Accession Number</b>	P07750
<b>Gene Symbols</b>	Il4
<b>Synonyms</b>	B-cell IgG differentiation factor, B-cell stimulatory factor 1 (BSF-1), Lymphocyte stimulatory factor 1.
<b>Expressed Region</b>	His21-Ser140

### Preparation

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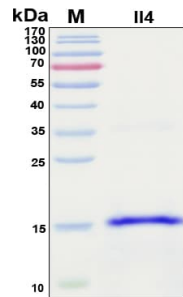
<b>Expression System</b>	E. coli
<b>Tag</b>	N-terminal His-tag
<b>Purity</b>	>90%
<b>Molecular Weight</b>	15 kDa

### Specifications

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<b>Format</b>	Liquid
<b>Formulation</b>	Supplied as a 0.2 $\mu$ m filtered solution in 15 mM Na <sub>2</sub> HPO <sub>4</sub> (pH 7.4), 5 mM NaH <sub>2</sub> PO <sub>4</sub> , 0.5 M NaCl, 750 mM imidazole, 6 M urea.
<b>Concentration</b>	Refer to the label on the vial for the specific concentration, determined by Bio-Rad Bradford protein dye reagent concentrate.

**SDS-PAGE Image**



**Shipping**

The product is shipped with ice packs. Upon arrival, immediately store it at the temperature recommended below.

**Storage/Stability**

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- Upon arrival, the liquid protein may be stored for 2 weeks at 4°C.
- For long term storage, it is recommended to store at -20°C or -80°C in appropriate aliquots.
- Generally, the shelf life is up to 6 months from the date of receipt at -20°C or -80°C under sterile conditions.